

041404  
PTO

ASSISTANT COMMISSIONER FOR PATENTS  
PATENT APPLICATION  
Alexandria, VA 22313

DOCKET NO. CH920020014US1  
Date: April 14, 2004

Express Mail: EV245081132US  
Date of Deposit: April 14, 2004

Transmitted herewith for filing is the Patent Application of:

Inventors: ROBERT HAAS

For: DATA PATH-BASED SERVICE DEPLOYMENT IN HIERARCHICAL NETWORKS

Enclosed are:

- ☒ 5 Sheets of Formal Drawings.
- ☐ An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.
- ☐ A certified copy of a EP Application No. \_\_\_\_\_ dated \_\_\_\_\_.
- ☒ Executed Declaration and Power of Attorney is attached to the application.
- ☐ Associate Power of Attorney.
- ☐ Information Disclosure Statement with form PTO-1449 with references attached.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	15 - 20 =	0
INDEP CLAIMS	4 - 3 =	1
MULTIPLE DEPENDENT CLAIM PRESENTED		

If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 770.00
X \$ 18 =	\$ .00
X \$ 86 =	\$ 86.00
+ \$ 270 =	\$ .00
TOTAL	\$ 856.00

- ☒ Please charge my Deposit Account No. 09-0468 in the amount of \$ 856.00.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0468. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

By Louis P. Herzberg  
LOUIS P. HERZBERG  
Registration No.: 41,500  
Tel. (914) 945-2885

IBM CORPORATION  
INTELLECTUAL PROPERTY LAW DEPT.  
P.O. BOX 218  
YORKTOWN HEIGHTS, NY 10598

2387 U.S. PTO  
10/824665



163  
Atty. Docket No. CH920020014US1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: ROBERT HAAS, et al      Docket No. CH9-2002-0014US1  
Serial No.      Group Art Unit:  
Filed: (Herewith)      Examiner:  
For: **DATA PATH-BASED SERVICE DEPLOYMENT  
IN HIERARCHICAL NETWORKS**

Assistant Commissioner of Patents and Trademarks  
Box Mail Stop Patent Application  
Alexandria, VA 22313

**EXPRESS MAIL CERTIFICATE**

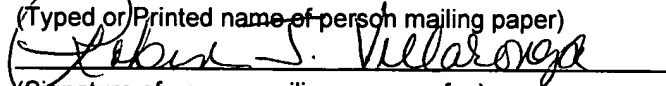
"Express Mail" label number: EV245081132US

Date of Deposit: April 14, 2004

I hereby certify that the following **attached** paper or fee

1. Acknowledgment Card
2. Patent Application Transmittal Sheet (duplicate)
3. Patent Application
4. Five (5) sheets of drawings
5. Declaration and Power of Attorney (Executed)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Alexandria, VA 22313.

Robin J. Villaronga  
(Typed or Printed name of person mailing paper)  
  
(Signature of person mailing paper or fee)

NOTE: Each paper must have its own certificate and the "Express Mail" label number as a part thereof or attached thereto. When, as here, the certification is presented on a separate sheet, that sheet must (1) be signed and (2) fully identify and be securely attached to the paper or fee it accompanies. Identification should include the serial number and filing date of the application as well as the type of paper being filed, e.g., complete application, specification and drawings, responses to rejection or refusal, notice of appeal, etc. If the serial number of the application is not known, the identification should include at least the name of the inventor(s) and the title of the invention.

NOTE: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail". Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings, it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.